

Message

From: Culpepper, Linda [linda.culpepper@ncdenr.gov]
Sent: 10/20/2019 6:45:59 PM
To: Leung, Lam-Wing H [LAM.H.LEUNG-1@chemours.com]; Strynar, Mark [Strynar.Mark@epa.gov]
CC: Martin, Allen D [Allen.Martin@ncdenr.gov]; Sivertsen, Scott [Sivertsen.Scott@epa.gov]; Garon, Kevin P [Kevin.Garon@chemours.com]
Subject: RE: [External] RE: ?Standards

Thank you, Lam. Including Mark, as he shared that he was reviewing your data.

Linda

Linda Culpepper
Director, NC DEQ Division of Water Resources

Email: linda.culpepper@ncdenr.gov
Phone: 919-707-9014

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North Carolina Public Records Law and may be disclosed to third parties.*

From: Leung, Lam-Wing H <LAM.H.LEUNG-1@chemours.com>
Sent: Friday, October 18, 2019 1:05 PM
To: Culpepper, Linda <linda.culpepper@ncdenr.gov>
Cc: Martin, Allen D <Allen.Martin@ncdenr.gov>; Sivertsen, Scott <Sivertsen.Scott@epa.gov>; Garon, Kevin P <Kevin.Garon@chemours.com>
Subject: [External] RE: ?Standards

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Hi Linda,

I sent the same email to Scott and I apologize for not copying you on this:

Thank you for your email and going forward, we'll provide both EPA & DEQ standards stored in methanol (pH adjusted to ~8). However, please take the following considerations:

1. pH of the methanol will be adjusted to ~8-9 to minimize/avoid any possible formation of the corresponding esters.
2. Note that due to the relative volatile nature of methanol, care must be taken when working with these standards to avoid any loss of the sample.

We will certainly welcome your suggestion for other solvent to use instead of methanol. Please let us know.

Very best Regards,
Lam

Lam Leung, Ph.D.
Technical Fellow
lam.h.leung-1@chemours.com
302-353-5218 o
302-985-1655 m
The Chemours Company

Experimental Station 402/5323
200 Powder Mill Road
Wilmington, DE 19803
USA



[LinkedIn](#) | [Twitter](#) | [Chemours.com](#)

From: Culpepper, Linda [<mailto:linda.culpepper@ncdenr.gov>]
Sent: Tuesday, October 15, 2019 10:55 PM
To: Garon, Kevin P <Kevin.Garon@chemours.com>
Cc: Martin, Allen D <Allen.Martin@ncdenr.gov>; Leung, Lam-Wing H <LAM.H.LEUNG-1@chemours.com>; Sivertsen, Scott <Sivertsen.Scott@epa.gov>
Subject: ?Standards

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Kevin,

As stated in my letter of August 14, "Chemours must use a solvent based system" when providing lab standards for DEQ and EPA use.

We understand your concerns regarding stabilization. We are open to continuing our dialogue on that issue and reviewing any additional information you wish to submit. However, at this time, Chemours is directed to provide standards in a solvent.

Linda

Linda Culpepper
Director, NC DEQ Division of Water Resources

Email: linda.culpepper@ncdenr.gov
Phone: 919-707-9014

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From: Garon, Kevin P [<mailto:Kevin.Garon@chemours.com>]
Sent: Friday, October 11, 2019 10:50 AM
To: Martin, Allen D <Allen.Martin@ncdenr.gov>; Leung, Lam-Wing H <LAM.H.LEUNG-1@chemours.com>; Sivertsen, Scott <Sivertsen.Scott@epa.gov>
Subject: [External] Standards

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Hello Allen and Scott,

ED_005565A_00000321-00002

In my last meeting a few weeks back with Ms. Linda Culpepper, she indicated that she was still expecting Chemours to prepare and provide standards in a solvent. I believe Lam responded to both of you gentlemen and discussed on a teleconference our concern with making standards in a solvent due to the possibility/probability of some of the compounds changing due to esterification (and I have just exhausted my knowledge of chemistry so forgive me if I am not being clear).

What are your thoughts on this? We are a bit stumped on how to proceed. Lam is still working on the stabilization study to indicate the stability of our standards in water. I just am not sure what or if we need to be doing something as Ms. Culpepper has indicated to me that the request to prepare standards in a solvent still stands.

Thanks,
Kevin

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